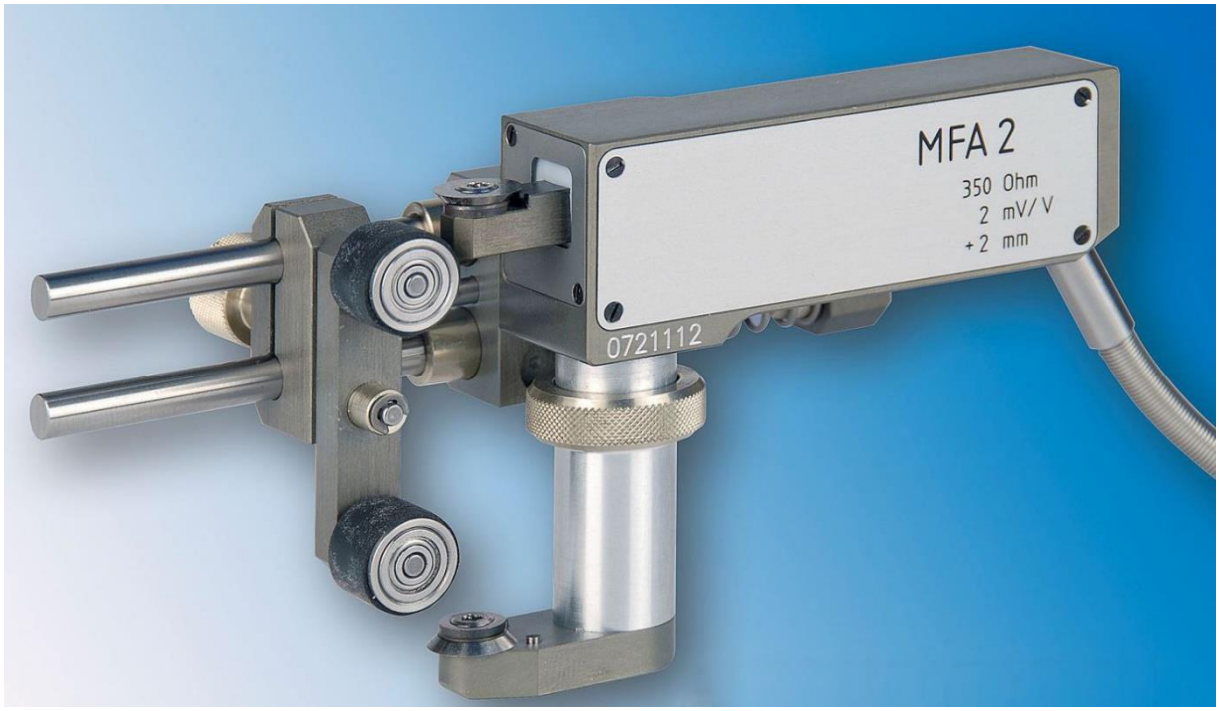
Hegewald & Peschke
Meß- und Prüftechnik GmbH

Product Information

Clip-on Extensometer MFA 2



zertifiziert nach DIN EN ISO 9001
TÜV CERT
Zert. Nr. 08/100/9044/3

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Application and advantages:

- Determination of the E-modulus and the yield and elastic strengths
- Quick, easy and uncomplicated handling
- Suitable for specimens with an initial gauge length Le 25 mm or more
- High measuring accuracy (exceeds all requirements of EN ISO 9513)
- Highest degree of operational reliability and long service life, even under rough operating conditions
- Bi-axial strain measurement possible in combination with e.g. MFQ-H

Models:

- MFA 2 (art. no.:15-019-000)
- Climatic chamber version (art. no.: 15-019-001)
- MFA 2 with extended measuring range (art. no.: 15-019-003)
- Double-sided version of the MFA 2 (art. no.: 15-019-010)

- Climate chamber version of the double-sided MFA 2 (art. no.: 15-019-011)

Technical data:

Accuracy class	Class 1 (standard) according to DIN EN ISO 9513 (optionally class 0.5)
Measuring principle	Strain gauge full bridge
Measuring range	2 mm (optionally 3 mm)
Indication error	0.2 % or 0.6 µm (larger value is permissible)
Linearity error	0.05 %
Actuating force	10-60 cN
Temperature operating range	1° - 60°C (optional: climatic chamber version up to 200°C)
Weight	190 g (double-sided 260 g)
Standard initial gauge length Lo	25, 30, 50 mm (25 mm by turning the blades)
Specimen diameter, thickness and width	0-30 mm (others on request)
Scope of delivery	Strain gauge complete with sensor plug incl. HSS cutting edges round Ø 9.5 mm
Required accessories (optionally available)	Data acquisition card for control
Note	Measuring blades are wearing parts